

Date Opened: 01 April 2013
Job #: 786
Project: Mounting Beams
Type: Eurocopter AS350/AS355
Approval: SH08-16
Drawing List: DCL786-3, Rev. 3

<u>Fabrication and Assembly Drawing(s)</u>	<u>Description</u>
78633, Rev. 1	Aft Beam Fabrication
78634, Rev. 1	Forward Beam Fabrication

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u>
Document Control List revision level matches (or exceeds) STC:	<u>Y</u>
Drawings revision levels match Document Control List:	<u>Y</u>
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u>
Tests and inspections specifically called out on drawings are complete:	<u>Y</u>
Release tags associated with all fabricated parts are attached:	<u>Y</u>
All mounting hardware and supplies are included:	<u>Y</u>

List all non-conformities raised: _____

Inspector Signature: _____

Date: _____

Drawing: 78633 Revision 1
Assembly: 78633-01-01 Aft Beam Ass'y (RH)
Batch Quantity: 10

Qty	Part #	Description	Material	P.O./W.O.	Checked
10	78633-01-01	Aft Beam Assembly (RH)			
. 1	78633-02	Tube	1x2x0.065 Tube, 304 Stainless Steel	12091	
. 4	78633-03	Guide	1x0.125 Bar, 304 Stainless Steel	12018	
. 1	78633-04	Upper Guide	1x2x0.12 Tube, 304 Stainless Steel	13036	
. 4	78633-05	Stop Bracket	0.75x0.065 Sqr. Tube, 304 Stainless	10128	
. 1	78633-06	Cap	0.025" Sheet, 321 Stainless Steel	10037	
. 4	78630-04	Bushing	0.375 x 0.065 Tube, 304 Stainless Steel	11040	
. 1	82735-03	Tube	1.0 x 0.035 Tube, 316 Stainless Steel	12093	
. 1	82735-06	Cap	0.050 Sheet, 321 Stainless Steel	10037	

Processes	Per	Mat'ls Used	Initials
Welding	AMS 2685C	Welding Rod ER308L	
Powder Coat	Drawing 78633	PO	
Final Inspection	Drawing 78633		

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **78634 Revision 1**
 Assembly: **78634-01-00 Beam Ass'y**
 Batch Quantity: **2**

Qty	Part #	Description	Material	P.O./W.O.	Checked
2	78634-01-00	Forward Beam Assembly			
. 1	78634-02	Tube	1x2x0.065 Tube, 304 Stainless Steel	12091	
. 5	78634-03	Pad	1x0.125 Bar, 304 Stainless Steel	12018	
. 1	78634-04	Cap	0.025" Sheet, 321 Stainless Steel	10037	
. 4	78630-04	Bushing	0.375 x 0.065 Tube, 304 Stainless Steel	11040	
. 2	69830-11	Guide	0.75 x 0.065 Tube, 304 Stainless Steel	12093	
. 2	69830-21	Stop	0.625 Rod, 6061-T6 Aluminum	WO2012-45	
. 2	69830-22	Knob	0.75 Rod, 6061-T6 Aluminum	WO2012-45	
. 2	69830-23	Spring	15mm x 70mm Spring, Stainless Steel	13032	
. 2		#10-32 C'sunk screw	Stainless Steel	13027	
. 2	MS21044C3	Nut		13048	

Processes	Per	Mat'ls Used	Initials
Welding	AMS 2685C	Welding Rod ER308L	
Powder Coat	Drawing 78634	PO	
Final Inspection	Drawing 78634		

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 78634-01-00

Aircraft: Eurocopter

Model: AS350/355

Description: Forward Beam

Supplier: N/A

Color: ~~White~~ Black dk

NO#: 2013-11

RO# 14050



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1
PN: 78634-01-00
Aircraft: Eurocopter
Model: AS350/355
Description: Forward Beam
Supplier: N/A
Color: White
WO#: 2013-11

PO# 14050



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 78633-01-01

Aircraft: Eurocopter

Model: AS350/355

Description: R.H. AFT Beam

Supplier: Aero Design

Color: White

WO#: 2013-11

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:	2
PN:	84267-01
Description:	Cargo Basket Handle Bracket
Supplier:	Aero Design
PO#:	
WO#:	2014-48



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 36280-01

Aircraft: All

Model: All

Description: Lid Prop

Supplier: Aero Design

Color:

WO#: 2014-28

PO#



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: LID No. of pieces: _____

Manufacturer: AERO DESIGN

Part No.: 69812-01 Serial / Batch No.: U/K

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: _____

Remaining Tasks to be Performed: _____

ASSEMBLE W/BASKET

Signature: C Carpentier

Date: Aug 12/13 Lic. No. / ACA AD04

In Process



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Remarks

In Process





Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: FORWARD BEAM

Manufacturer: AERO DESIGN

Part No.: 78634-01-00 Serial / Batch No.: 41/K

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2013 11

Remaining Tasks to be Performed: NONE

Signature: C Carpenter

Date: Aug 1, 2013 Lic. No. / ACA AD04

Serviceable



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Remarks

Serviceable



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: FORWARD BEAM No. of pieces: _____

Manufacturer: AERO DESIGN

Part No.: 78634-01-00 Serial / W.O. No.: U/K

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2013-11

Remaining Tasks to be Performed: NONE

Signature: C Carpenter

Date: OCT 7/13 Lic. No. / ACA AD04

Serviceable



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Remarks

Serviceable



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: FWD BEAM No. of pieces: _____

Manufacturer: AERO DESIGN

Part No.: 78634-01-00 Serial / W.O. No.: 4/K

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2013-11

Remaining Tasks to be Performed: NONE

Signature: C. Carpenter

Date: Nov 12/13 Lic. No. / ACA AD04

Serviceable



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Remarks

Serviceable



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: FORWARD BEAM No. of pieces: _____

Manufacturer: AERO DESIGN

Part No.: 78634-01-00 Serial / W.O. No.: N/A

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2013-11

Remaining Tasks to be Performed: NONE

Signature: C Carpenter

Date: OCT 7/13 Lic. No. / ACA AD04

Serviceable



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Remarks

Serviceable

Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: R.H. AFT BEAM

Manufacturer: AERO DESIGN

Part No.: 78633-01-01 Serial / Batch No.: U/K

TTSN: N/A TSO: N/A Rem.: N/A


Work Order No.: 2013-11

Remaining Tasks to be Performed: NONE

Signature: C Carpenter

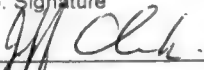
Date: Aug 1, 2013 Lic. No. / ACA AD04

Serviceable


1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2013-11	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	RH Aft Beam	78633-01-01	1	N/A	New	
2.	Forward Beam	78634-01-00	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				 14a. <input type="checkbox"/> CAR 571 10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. 		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 22 May 2013		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

Horizontal

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2013-11
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	RH Aft Beam Ass'y	78633-01-01	1	N/A	New
2.	Forward Beam Ass'y	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.					
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature 14c. Approved Organization Number	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 20 Apr 2013		14d. Name 14e. Date (dd/mmm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2013-11
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	RH Aft Beam Ass'y	78633-01-01	1	N/A	New
2.	Forward Beam Ass'y	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 20 Apr 2013		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.					
Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

E+3

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2013-11	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Forward Beam Ass'y	78634-01-00	1	N/A	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature		13c. Approved Organization Number		14b. Signature		14c. Approved Organization Number
 Jeff Clarke - AD02		AMF 73-04				
13d. Name		13e. Date (dd/mmm/yyyy)		14d. Name		14e. Date (dd/mmm/yyyy)
Jeff Clarke - AD02		14 July 2015				
Installer Responsibilities						
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						

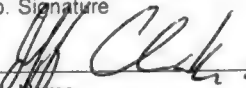
QUANTUM

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO2013-11	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	RH Aft Beam	78633-01-01	1			
2.	Forward Beam	78634-01-00	1	N/A	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.				<input type="checkbox"/> Other regulation specified in block 12		
<input type="checkbox"/> Non approved design data specified in block 12.				Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 03 June 2014		14d. Name		14e. Date (dd/mm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

CAPITACE

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 50 Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2013-11	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	RH Aft Beam	78633-01-01	1	N/A	New	
2.	Forward Beam	78634-01-00	1			
12. Remarks						
13a Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non approved design data specified in block 12.				14a <input type="checkbox"/> CAR 571 10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jason Rekve		13e. Date (dd/mmm/yyyy) 26 Aug 2013		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

TRK

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2013-11
6. Item 1. 2.	7. Description RH Aft Beam Forward Beam	8. Part Number 78633-01-01 78634-01-00	9. Qty. 1 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 	13c. Approved Organization Number AMF 73-04		14b. Signature	14c. Approved Organization Number	
13d. Name Jeff Clarke	13e. Date (dd/mmm/yyyy) 20 Apr 2013		14d. Name	14e. Date (dd/mmm/yyyy)	
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7				5. Work Order/Contract/Invoice WO2013-11	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	RH Aft Beam	78633-01-01	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<div style="border: 1px solid black; padding: 5px;"> 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. </div>		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 31 May 2013		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	

Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

Aero Design

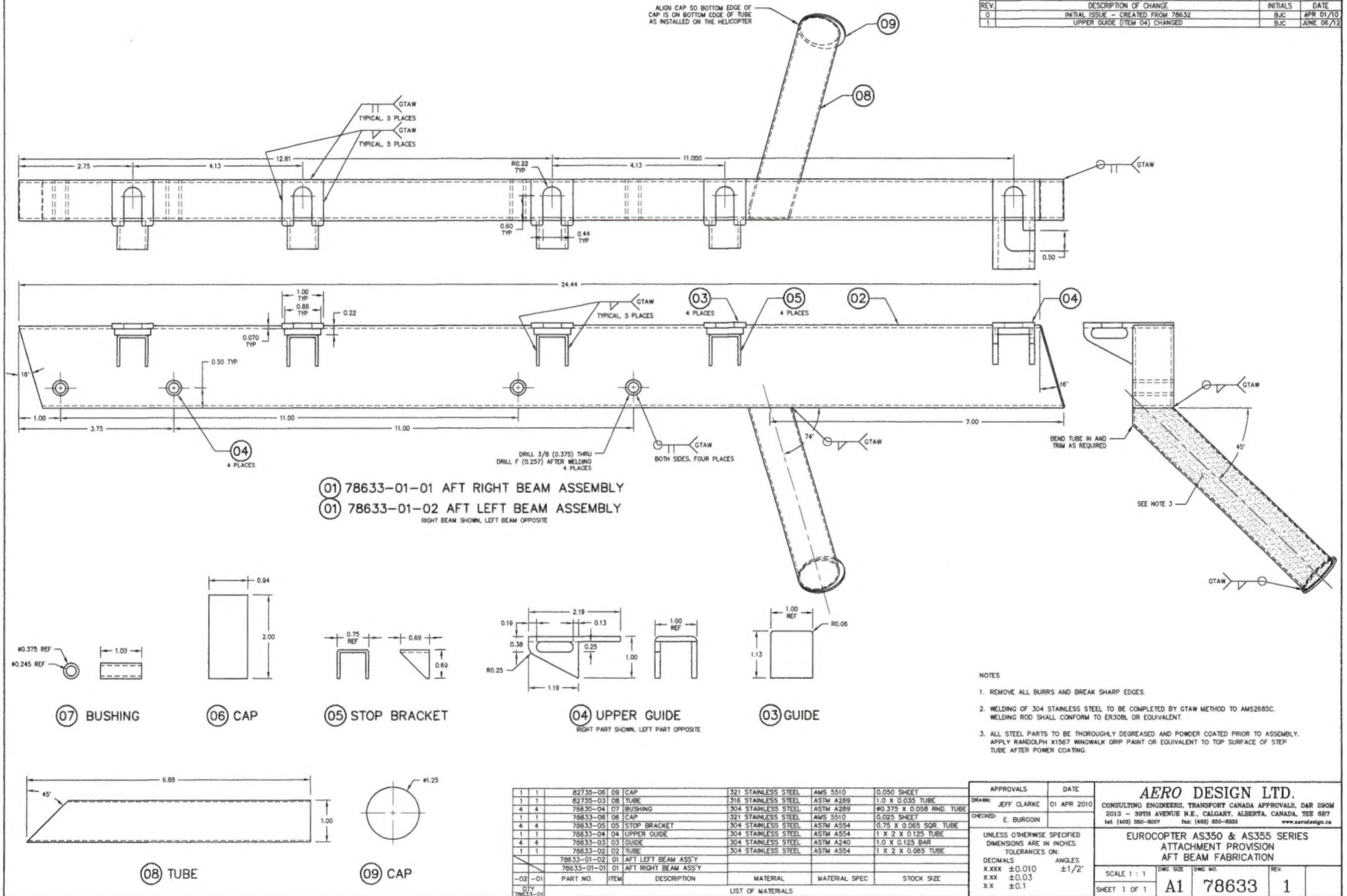
Parts Distribution Sheet

AS350 med LH w/cut out

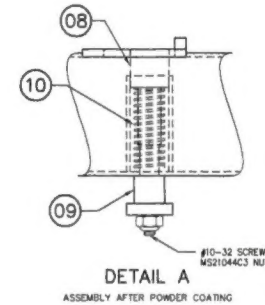
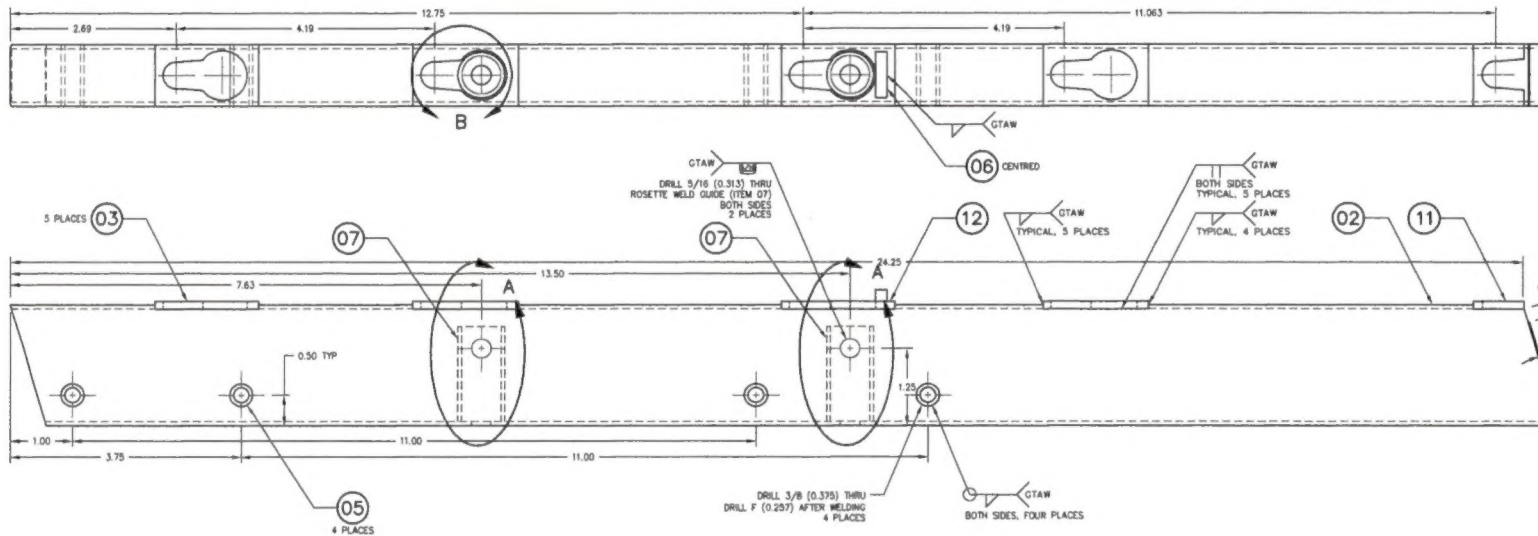
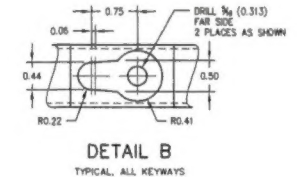
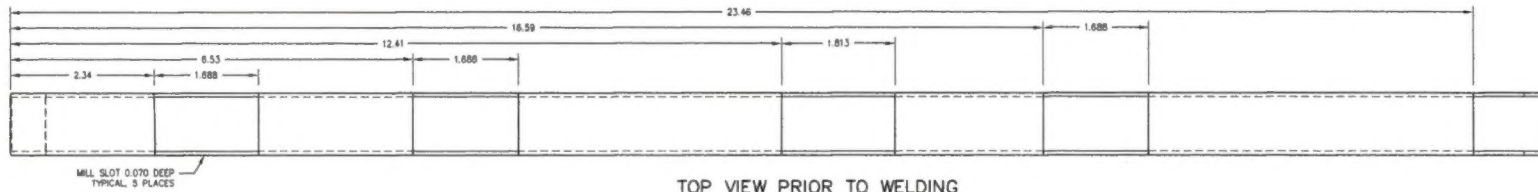
WO#

[illegible]

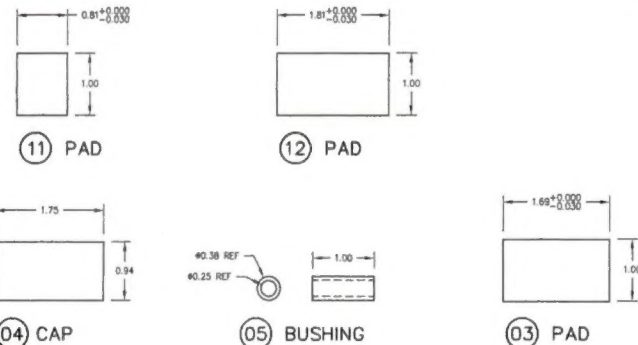
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 78632	BJC	APR 01/10
1	UPPER GUIDE (ITEM 04) CHANGED	BJC	JUNE 06/12



REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 78632	BUC	APR 07/10
1	CHANGED PADS	BUC	JUNE 05/12



01 78634-01-00 BEAM ASSEMBLY



NOTES

- REMOVE ALL BURRS AND BREAK SHARP EDGES.
- WELDING OF 304 STAINLESS STEEL TO BE COMPLETED BY GTAW METHOD TO AMS2685C. WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT.
- ALL STEEL PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO ASSEMBLY.

1	78634-12	12	PAD	304 STAINLESS STEEL	ASTM A240	1.0 X 0.125 BAR
1	78634-11	11	PAD	304 STAINLESS STEEL	ASTM A240	1.0 X 0.125 BAR
2	MS21044C3		NUT			
2	#10-32		C/SUNK SCREW	STAINLESS STEEL	COMMERCIAL	
2	69830-23	10	SPRING	STAINLESS STEEL	COMMERCIAL	15mm X 70mm SPRING
2	69830-22	09	KNOB	6061-T6 ALUMINUM	QQ-A-200/B	#0.75 ROD
2	69830-21	08	STOP	6061-T6 ALUMINUM	QQ-A-200/B	#0.625 ROD
2	69830-11	07	GUIDE	304 STAINLESS STEEL	ASTM A269	#0.75 X 0.085 RND. TUBE
1	69830-07	06	BLOCK	304 STAINLESS STEEL	ASTM A479	0.188 SQ. ROD
4	78634-04	05	BUSHING	304 STAINLESS STEEL	ASTM A269	#0.375 X 0.058 RND. TUBE
1	78634-04	04	CAP	321 STAINLESS STEEL	AMS 5510	0.025 SHEET
3	78634-03	03	PAD	304 STAINLESS STEEL	ASTM A240	1.0 X 0.125 BAR
1	78634-02	02	TUBE	304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.065 TUBE
1	78634-01-00	01	BEAM ASSEMBLY			
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

LIST OF MATERIALS

APPROVALS		DATE	AERO DESIGN LTD.	
DRAWN: JEFF CLARKE		01 APR 2010	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 280M	
CHECKED: E. BURCOON			2013 - 3189 AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7	
			Tel: (403) 850-6077 Fax: (403) 850-8855 www.aerodesign.ca	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			EUROCOPTER AS350 & AS355 SERIES ATTACHMENT PROVISION BEAM FABRICATION	
DECIMALS	ANGLES			
X.XXX ±0.010	±1/2°			
X.XX ±0.03				
X.X ±0.1				
SCALE 1 : 1	DWG SIZE	DWG NO.	REV.	
SHEET 1 OF 1	A1	78634	1	